

INTERNATIONAL SEARCH REPORT

Int'l Application No
PL 1, JK2004/000521

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A23K1/175 A23K1/10 A23K1/18 A61K33/38 A61K35/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A23K A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, FSTA, COMPENDEX, CHEM ABS Data, CAB Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 017 901 A (KHAN RIAZ ET AL) 25 January 2000 (2000-01-25) column 1, paragraph 3 claims 1,13; example 7 -----	1-3,7
X	WO 96/35720 A (KHAN RIAZ ; KONOWICZ A PAUL (GB); FIDIA ADVANCED BIOPOLYMERS SRL (IT);) 14 November 1996 (1996-11-14) page 1, paragraphs 2,3; claims 1,22,23; examples 7-11 -----	1-3,7
X	US 4 746 504 A (GREENMAN BENJAMIN ET AL) 24 May 1988 (1988-05-24) column 1, paragraph 4 column 2, paragraphs 6,7 -----	1-3,7
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

16 September 2004

Date of mailing of the international search report

19/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Rooney, K

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 480 189 A (ALTERGON SA) 15 April 1992 (1992-04-15) page 2, line 53 - page 3, line 11 claims 1,4; examples 4-6 -----	1-3,7
X	US 2003/099718 A1 (BURRELL ROBERT EDWARD ET AL) 29 May 2003 (2003-05-29) column 9, paragraph 9 column 16, paragraph 8; claims 1,3,4,6,7,15 -----	1-3,6,7, 9
Y	DATABASE WPI Section Ch, Week 199816 Derwent Publications Ltd., London, GB; Class B04, AN 1998-177283 XP002296635 & RU 2 087 148 C1 (TRETYAKOV V V) 20 August 1997 (1997-08-20) abstract -----	1-3,6,7, 10,11
Y	DATABASE WPI Section Ch, Week 200117 Derwent Publications Ltd., London, GB; Class B04, AN 2001-161961 XP002296636 & JP 2000 309537 A (SEIKAGAKU KOGYO CO LTD) 7 November 2000 (2000-11-07) abstract -----	1-3,6,7, 10,11
A	DATABASE WPI Section Ch, Week 200372 Derwent Publications Ltd., London, GB; Class B06, AN 2003-762819 XP002296637 & KR 2003 018 700 A (KIM I D) 6 March 2003 (2003-03-06) abstract -----	1-11
A	FR 2 618 677 A (BESNOUIN DIDIER) 3 February 1989 (1989-02-03) page 6, paragraph 4 - page 7, paragraph 3; claims 1,3 -----	4

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/DK2004/000521

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6017901	A	25-01-2000	WO 9635720 A1	14-11-1996
			IT PD950090 A1	11-11-1996
			AU 695512 B2	13-08-1998
			AU 5894496 A	29-11-1996
			DE 69603721 D1	16-09-1999
			DE 69603721 T2	13-01-2000
			EP 0827514 A1	11-03-1998
			JP 11504668 T	27-04-1999
			AT 183206 T	15-08-1999
			CA 2220682 A1	14-11-1996
			ES 2137694 T3	16-12-1999
WO 9635720	A	14-11-1996	IT PD950090 A1	11-11-1996
			WO 9635720 A1	14-11-1996
			AU 695512 B2	13-08-1998
			AU 5894496 A	29-11-1996
			DE 69603721 D1	16-09-1999
			DE 69603721 T2	13-01-2000
			EP 0827514 A1	11-03-1998
			JP 11504668 T	27-04-1999
			US 6017901 A	25-01-2000
			AT 183206 T	15-08-1999
			CA 2220682 A1	14-11-1996
			ES 2137694 T3	16-12-1999
US 4746504	A	24-05-1988	AU 600483 B2	16-08-1990
			AU 7206887 A	09-10-1987
			CA 1291123 C	22-10-1991
			DK 597487 A	13-11-1987
			EP 0259485 A1	16-03-1988
			JP 2613605 B2	28-05-1997
			JP 63502670 T	06-10-1988
			US 4784991 A	15-11-1988
			WO 8705517 A1	24-09-1987
EP 0480189	A	15-04-1992	IT 1243435 B	10-06-1994
			DE 69118081 D1	25-04-1996
			DE 69118081 T2	22-08-1996
			EP 0480189 A1	15-04-1992
US 2003099718	A1	29-05-2003	US 2002192298 A1	19-12-2002
			US 2003180378 A1	25-09-2003
			US 2003206966 A1	06-11-2003
			US 2003170314 A1	11-09-2003
			US 2003185901 A1	02-10-2003
			US 2003194444 A1	16-10-2003
			US 2003180379 A1	25-09-2003
			US 2004131698 A1	08-07-2004
			US 2004129112 A1	08-07-2004
			US 2004176312 A1	09-09-2004
			WO 02085384 A2	31-10-2002
			WO 02085385 A2	31-10-2002
			WO 02085386 A2	31-10-2002
			WO 02085387 A2	31-10-2002
			CA 2443587 A1	31-10-2002
			CA 2445729 A1	31-10-2002
			CA 2445734 A1	31-10-2002
			CA 2445740 A1	31-10-2002

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/JP2004/000521

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003099718 A1		EP 1383520 A2	28-01-2004
		EP 1383521 A2	28-01-2004
		EP 1383522 A2	28-01-2004
		EP 1390013 A2	25-02-2004
		WO 02085299 A2	31-10-2002
		US 2003086977 A1	08-05-2003
		US 2003054046 A1	20-03-2003
		US 2002182265 A1	05-12-2002
		US 2003021854 A1	30-01-2003
		US 2003072810 A1	17-04-2003
		US 2004157073 A1	12-08-2004
RU 2087148 C1	20-08-1997	NONE	
JP 2000309537 A	07-11-2000	NONE	
KR 2003018700 A	06-03-2003	NONE	
FR 2618677 A	03-02-1989	FR 2618677 A1	03-02-1989
		AT 78168 T	15-08-1992
		AU 2135688 A	01-03-1989
		CA 1327318 C	01-03-1994
		CN 1031654 A	15-03-1989
		DE 3872881 D1	20-08-1992
		DE 3872881 T2	04-03-1993
		EP 0378549 A1	25-07-1990
		ES 2013342 A6	01-05-1990
		WO 8900858 A1	09-02-1989
		JP 2504389 T	13-12-1990
		NZ 225640 A	28-11-1989
		PT 88145 A ,B	30-06-1989
		ZA 8805590 A	28-03-1990